

Datasheet for ABIN357381
anti-BMPR2 antibody (N-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	BMPR2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMPR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human BMPR2.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes BMPR2.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Protein Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	BMPR2
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Target Details

Alternative Name:	BMPR2 (BMPR2 Products)
Background:	BMPR2 is a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved in endochondral bone formation and embryogenesis. These proteins transduce their signals through the formation of heteromeric complexes of 2 different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. Mutations in BMPR2 have been associated with primary pulmonary hypertension. Synonyms: BMP type II receptor, BMPR-II, Bone morphogenetic protein receptor type II, Bone morphogenetic protein receptor type-2, PPH1
Molecular Weight:	115201 Da
Gene ID:	659, 9606
UniProt:	Q13873
Pathways:	Growth Factor Binding

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Immunohistochemistry: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

Images

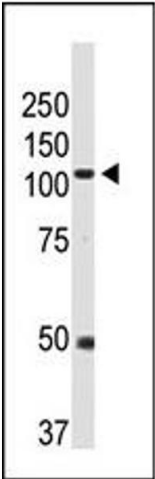


Image 1.

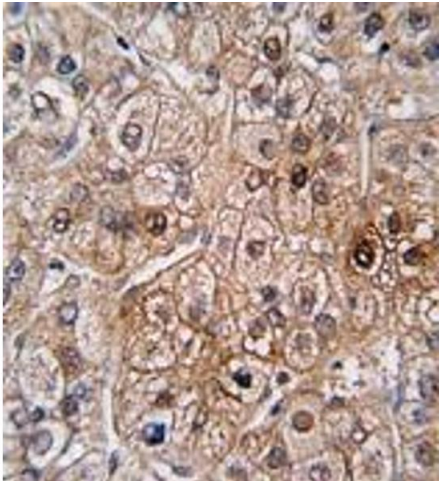


Image 2.